

Please type a plus sign (+) inside this box



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

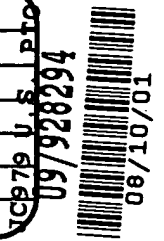
INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number
Filing Date August 9, 2001
First Named Inventor Robert M. Best
Group Art Unit 3714
Examiner Name C. White
Attorney Docket Number 493-27-3



U.S. PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|------------------------|--------------------------|----------------------|--------------------------------------|----------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------|
| | | Number | Kind Code ² (if known) | | | |
| | | 3,393,073 | | Best | 02-28-1995 | |
| | | 5,393,070 | | Best | 02-28-1995 | |
| | | 3,358,259 | | Best | 10-25-1994 | |
| | | Re-35,889 | | Asai et al | 07-07-1998 | |
| | | 4,302,811 | | Pepper, Jr. | 11/24/1981 | |
| | | 4,077,804 | | Selby, III et al | 06-30-1987 | |
| | | 5,457,800 | | Hibino et al | 10-10-1995 | |
| | | 5,420,762 | | Nakagawa | 06-20-1995 | |
| | | 5,550,999 | | Nagano et al | 08-27-1996 | |
| | | 3,603,507 | | Tice | 02-18-1997 | |
| | | 5,952,998 | | Clancy et al | 09-14-1999 | |
| | | 6,034,037 | | Kumagai | 09-07-2000 | |
| | | 6,084,785 | | Oshima et al | 08-27-2000 | |
| | | 6,097,814 | | Mochizuki | 08-01-2000 | |
| | | 6,180,488 | | Miyamoto et al | 10-31-2000 | |
| | | 6,163,313 | | Aroyan et al | 12-10-2000 | |
| | | 6,186,896.B1 | | Takeda et al | 02-13-2001 | |
| | | 6,190,257.B1 | | Takeda | 02-20-2001 | |
| | | 4,022,473 | | Foley | 05-10-1977 | |
| | | 4,801,148 | | Lamb | 01-04-1989 | |
| | | 5,984,785 | | Takeda | 11/16/1999 | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ₆ |
|------------------------|--------------------------|-------------------------|---------------------|--------------------------------------|-------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------|----------------|
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| | | GB | 2,353,928 | | Nintendo | 03-07-2001 | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Examiner Signature

C. White

Date Considered

1/24/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

| | | | | | | | | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------|--|-------------|----------------|----------------------|----------------|----------------|------|---------------|----------|------------------------|----------|
| Substitute for form 1449A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p> | | <h3 style="text-align: center;">Complete if Known</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;"></td> </tr> <tr> <td>Filing Date</td> <td>August 9, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Robert M. Best</td> </tr> <tr> <td>Group Art Unit</td> <td>3714</td> </tr> <tr> <td>Examiner Name</td> <td>C. White</td> </tr> <tr> <td>Attorney Docket Number</td> <td>493-27-3</td> </tr> </table> | | Application Number | | Filing Date | August 9, 2001 | First Named Inventor | Robert M. Best | Group Art Unit | 3714 | Examiner Name | C. White | Attorney Docket Number | 493-27-3 |
| Application Number | | | | | | | | | | | | | | | |
| Filing Date | August 9, 2001 | | | | | | | | | | | | | | |
| First Named Inventor | Robert M. Best | | | | | | | | | | | | | | |
| Group Art Unit | 3714 | | | | | | | | | | | | | | |
| Examiner Name | C. White | | | | | | | | | | | | | | |
| Attorney Docket Number | 493-27-3 | | | | | | | | | | | | | | |
| Sheet | 2 | of | 2 | | | | | | | | | | | | |

09/928294
 08/10/01

| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS | | | |
|----------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | SpaceWorld 2000 Conference in Japan on August 24, 2000 | |
| | | Data Encryption Standard (DES), FIPS PUB 46-3, Reaffirmed 1999 October 25, U.S. Department of Commerce/National Institute of Standards and Technology; www.cube.ign.com/news/34926 | |
| | | E³: Pikmin Impressions, "We go hands-on with Miyamoto's imaginative RTS game," Charlie Hill, May 18, 2001 | |
| | | Pikman Review, Akinwale, Lakeru, May 22, 2001, pgs. Cover, 10, 58 | |
| | | Pikman Review, August 2001 issue 145 of Electronic Gaming Monthly based on E3 conference May 2001, www.cubesource.net/previews/pikman | |
| | | The Sims User Manual, The People Simulator from the Creator of Sim City, copyrighted 2000 | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | |
|--------------------|----------------------------------------------------------------------------------------|
| Examiner Signature | Date Considered 1/24/04 |
|--------------------|----------------------------------------------------------------------------------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND



PTO/SB/08A (02-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

| | |
|------------------------|-----------------|
| Application Number | 09/928,294 |
| Filing Date | August 10, 2001 |
| First Named Inventor | Robert M. Best |
| Art Unit | 3714 |
| Examiner Name | Carmen White |
| Attorney Docket Number | 493-27-3 |

| U. S. PATENT DOCUMENTS | | | | | |
|------------------------|-----------------------|------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| Cul | | US- | | | |
| | | US- 2002/0165028 A1 | 11-07-2002 | Miyamoto et al. | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |

RECEIVED

JAN 14 2004

TECHNOLOGY CENTER R3700

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Examiner
SignatureDate
Considered

1/28/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--------------------------|--|
| Substitution for form 1449A/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Complete if Known | |
| Application Number | | | | 09/853,487 | |
| Filing Date | | | | May 10, 2001 | |
| First Named Inventor | | | | Robert M. Best | |
| Group Art Unit | | | | 37134 | |
| Examiner Name | | | | C. White | |
| Attorney Docket Number | | | | 493-27-3 | |

[illegible][illegible]

| | | | |
|-----------------------|-----------------|--------------------|---------|
| Examiner Signature | <i>C. White</i> | Date Considered | 1/24/04 |
|-----------------------|-----------------|--------------------|---------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--------------------------|--|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Complete if Known | |
| Application Number | | | | 09/928,294 | |
| Filing Date | | | | August 10, 2001 | |
| First Named Inventor | | | | Robert M. Best | |
| Art Unit | | | | 3718 | |
| Examiner Name | | | | C. White | |
| Attorney Docket Number | | | | 493-27-3 | |

[illegible][illegible]

| | | | |
|-----------------------|-----------------|--------------------|---------|
| Examiner Signature | <i>C. White</i> | Date Considered | 1/24/04 |
|-----------------------|-----------------|--------------------|---------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------|---|----|---|-------------------------------|-----------------|
| Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Complete if Known | |
| | | | | Application Number | 09/928,294 |
| | | | | Filing Date | August 10, 2001 |
| | | | | First Named Inventor | Robert M. Best |
| | | | | Group Art Unit | 3713 |
| | | | | Examiner Name | |
| | | | | Attorney Docket Number | 493-27-3 |
| Sheet | 2 | of | 2 | | |

[illegible]

Examiner
Signature

Date _____

[illegible]

1/24/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

